



OMB No. 0651-0011

## INFORMATION DISCLOSURE CITATION

App. No.	9118.0002	Appl. No.	10/814,243
Applicant	David Peter VAN HEERDEN et al.		
Filing Date	April 1, 2004	Group:	Unknown

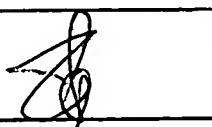
## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,381,944	01/1995	Makowiecki et al.	2	—	
	5,538,795	07/1996	Barbee, Jr. et al.	2	—	
	5,547,715	08/1996	Barbee, Jr. et al.	—	—	
	6,534,194 B2	03/2003	Weihs et al.	2	—	
	6,736,492 B2	05/2004	Weihs et al.	—	—	

## U.S. PATENT APPLICATIONS

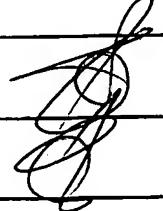
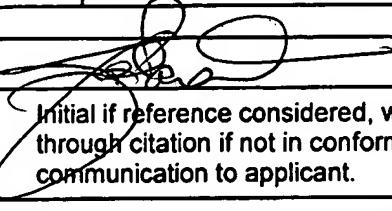
Examiner Initial*	Document Number	Publication Date	Name	Class	Sub Class	Filing Date If Appropriate
	2002/0182436 A1	12/2002	Weihs et al.	—	—	
	10/247,998		Weihs et al.	—	—	01/21/2004
	10/761,439		Weihs et al.	—	—	01/21/2004
	10/761,440		Weihs et al.	—	—	01/21/2004
	10/761,442		Weihs et al.	—	—	01/21/2004
	10/761,443		Weihs et al.	—	—	01/21/2004
	10/761,444		Weihs et al.	—	—	01/21/2004
	10/761,685		Weihs et al.	—	—	01/21/2004
	10/761,688		Weihs et al.	—	—	01/21/2004

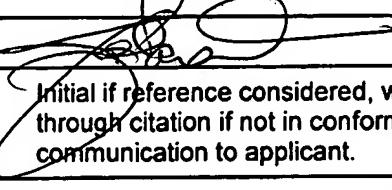
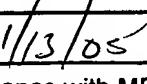
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	R.J. Blobaum, et al., "Deposition and Characterization of a Self-Propagating CuOx/Al Thermite Reaction in a Multilayer Foil Geometry," Journal of Applied Physics, Vol. 94(5), pp. 2915-2922, September 1, 2003.
	T.P. Weihs, "Self-Propagating Reactions in Multilayer Materials," published in the 1998 edition of the <i>Handbook of Thin Film Process Technology</i> edited by D.A. Glocker and S.I. Shah, 7 pages, (1998).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	T.P. Weihs et al., "Self-Propagating Exothermic Reactions in Nanoscale Multilayer Materials," TMS Proceedings on Nanostructures, pp. 1-12, February 1997.
	E. Besnoin et al., "Effect of Reactant and Product Melting on Self-Propagating Reactions in Multilayer Foils," Journal of Applied Physics, Vol. 92(9), pp. 5474-5480, November 1, 2002.

Examiner 	Date Considered 
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				 Application Number 10/814,243 Filing Date April 1, 2004 First Named Inventor David Peter VAN HEERDEN Art Unit 3725 Examiner Name PARADISO, JOHN ROGER Attorney Docket Number 9118.0002	
Sheet	1	of	1		

### U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

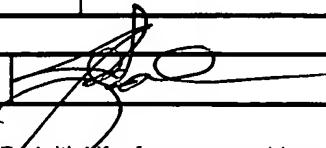
Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		T.S. Dyer and Z.A. Munir; "The Combustion Synthesis of Multilayer NiAl Systems"; Scripta Metallurgica et Materialia; 1994; pp. 1281-1286; Vol. 30, No. 10.	
		D. Van Heerden, T.R. Rude, J. Newson, J. He, E. Besnoin, O.M. Knio, and T.P. Weihs; "A Tenfold Reduction in Interface Thermal Resistance for Heat Sink Mounting"; IMAPS Symposium; 2003.	
		D. Van Heerden, A.J. Gavens, S. Jayaraman, and T.P. Weihs; "Metastable Phase Formation and Microstructural Evolution During Self-Propagating Reactions in Al/NI and Al/Monel Multilayers"; Material Research Society Symposium Proceedings; Fall 1997; pp. 533-538; Vol. 481.	
		M.E. Reiss, C.M. Esber, D. Van Heerden, A.J. Gavens, M.E. Williams, T.P. Weihs; "Self-propagating Formation Reactions in Nb/Si Multilayers"; Materials Science and Engineering; 1999; pp. 217-222; Vol. A261.	

Examiner Signature		Date Considered	11/13/05
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.